UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

22850

7590

09/18/2007

OBLON, SPIVAK, MCCLELLAND MAIER & NEUSTADT, P.C. 1940 DUKE STREET ALEXANDRIA, VA 22314

EXAMINER HOANG, HUAN ART UNIT PAPER NUMBER

2827

DATE MAILED: 09/18/2007

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/534.752 | 05/13/2005 | Takeshi Shimoyama | 271362US6PCT | 1662 |

TITLE OF INVENTION: INFORMATION STORAGE DEVICE, INFORMATION STORAGE METHOD, AND INFORMATION STORAGE PROGRAM

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$0 | \$1400 | \$1400 | 12/18/2007 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.
- B. If the status above is to be removed, check box 5b on Part B -Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now, claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

| appropriate. All further andicated unless corrected uniternative and international control of the control of th | correspondence including below or directed other ions. | g the lerwise | Patent, advance or in Block 1, by (a | ders and notification of r specifying a new corres | naintenance fees v pondence address | vill be ; and/or | mailed to the current (b) indicating a sepa | correspondence address as trate "FEE ADDRESS" for |
|--|---|--------------------------------------|---|--|--|---|--|--|
| CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address | | | | Feet | (s) Transmittal. The ers. Each additions | is certif Il paper | icate cannot be used for | r domestic mailings of the or any other accompanying nt or formal drawing, must |
| 22850 OBLON, SPIV 1940 DUKE STI ALEXANDRIA, | 7590 09/18 AK, MCCLELLA REET , VA 22314 | | MAIER & NI | | 0 | 4767 4 - | -CM-WT | mission g deposited with the United st class mail in an envelope above, or being facsimile ate indicated below. |
| | | | | | | | | (Depositor's name) |
| | | | | | | | | (Signature) |
| | | | | | | | | (Date) |
| APPLICATION NO. | FILING DATE | | | FIRST NAMED INVENTOR | | АТТО | RNEY DOCKET NO. | CONFIRMATION NO. |
| 10/534,752 | 05/13/2005 | | | Takeshi Shimoyama | | | 71362US6PCT | 1662 |
| TITLE OF INVENTION | : INFORMATION STO | RAGE | DEVICE, INFOR | MATION STORAGE ME | THOD, AND INFO | ORMA1 | TION STORAGE PRO | OGRAM |
| | | | | | | | | • |
| APPLN. TYPE | SMALL ENTITY | IS | SUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSU | F FFF | TOTAL FEE(S) DUE | DATE DUE |
| nonprovisional | NO NO | 10. | \$1400 | \$0 | \$1400 | 2.22 | \$1400 | 12/18/2007 |
| | | | | · | 1 | | Ψ1400 | 12/10/2007 |
| EXAM | | | ART UNIT | CLASS-SUBCLASS | J | | | |
| HOANG | | Cur | 2827 | 365-233000 | | - | | |
| Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. | | | Correspondence | 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. | | | | |
| | | | | L ΓΗΕ PATENT (print or ty | • | | | |
| PLEASE NOTE: Unl recordation as set forth (A) NAME OF ASSIG | h in 37 CFR 3.11. Comp | ified be oletion | clow, no assignce of this form is NO | data will appear on the p T a substitute for filing an (B) RESIDENCE: (CITY | assignment. | | | ocument has been filed for |
| Please check the appropri | iate assignee category or | catego | ries (will not be pr | inted on the patent): | Individual 🗆 C | orporati | on or other private gro | oup entity Government |
| | | | ed) | 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) A check is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number (enclose an extra copy of this form). | | | | |
| i. Change in Entity Stat | tus (from status indicated | d above | e) | _ | | ****** | | , |
| | s SMALL ENTITY state | | | b. Applicant is no lon | | | | |
| NOTE: The Issue Fee and nterest as shown by the r | d Publication Fee (if requeecords of the United Sta | tes Pat | will not be accepted ent and Trademark | d from anyone other than to Office. | he applicant; a reg | istered | attorney or agent; or th | ne assignee or other party in |
| Authorized Signature | | | | | Date | | | |
| Typed or printed name | | | | | | | | |
| This collection of inform an application. Confident submitting the completed his form and/or suggesti Box 1450. Alexandria, V | ation is required by 37 C tiality is governed by 35 I application form to the ons for reducing this bu irginia 22313-1450. DO | U.S.C. U.S.C. USPT rden, sl | 11. The informatic 122 and 37 CFR O. Time will vary nould be sent to the SEND FEES OR | on is required to obtain or 1.14. This collection is est depending upon the indiverse Chief Information Office COMPLETED FORMS TO | retain a benefit by timated to take 12 vidual case. Any co or, U.S. Patent and O THIS ADDRES | the publiminutes omment Traden S. SENI | lic which is to file (and to complete, including its on the amount of times of the complete of | by the USPTO to process) ag gathering, preparing, and me you require to complete artment of Commerce, P.O. for Patents, P.O. Box 1450, |

Box 1450, Alexandria, Virginia 22 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|-----------------|-----------------|-------------------------|---------------------|------------------|--|
| 10/534,752 | 05/13/2005 | Takeshi Shimoyama | 271362US6PCT | 1662 | |
| 22850 | 7590 09/18/2007 | EXAMINER | | | |
| | AK, MCCLELLAND | HOANG, HUAN | | | |
| 1940 DUKE STI | • | ART UNIT | PAPER NUMBER | | |
| ALEXANDRIA, | VA 22314 | 2827 | | | |
| | | DATE MAILED: 09/18/2007 | | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 71 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 71 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.